Amendments to the specification

Page 24, please replace paragraph [0062] with the following amended paragraph:

[0062]   First, when a digital broadcast signal is received, the digital broadcast signal is demodulated by a demodulator 201, as shown in FIG. 2, digitalized and shifted to the base band. The first FFT unit 321 converts the received signal y(n) that was shifted to the base band to the frequency domain, and the signal Y(w) is outputted to the complex multiplier 331 of the frequency domain equalizer 330.

Page 26, please replace paragraph [0070] with the following amended paragraph:

[0070]   The M time domain signal z(n) obtained as described above can be the sum of the value x(n) which was equalized with equalization coefficients obtained from the previous block and the amplified colored noise v(n). The amplified colored noise of the signal is whitened by the amplified noise canceling filter of the noise canceller 400. The whitened value is the final output of the equalizer and inputted to an error compensation phase tracker block 202, shown in FIG. 2. The error compensation block 202 phase tracker compensates the phase and the error of the data and outputs the compensated data to the FEC decoder for an error correction.